

# 5 GHz Band plan with today's FCC spectrum

## 802.11ac 5 GHz Spectrum

- Wide bandwidth channels desired to support high throughput requirements
- At the same time, large number non-overlapping channels desired to support high QoS requirements
  - To avoid co-channel interference
- Current UNII spectrum allows only
  - **Six** 80 MHz channels (**Five** in North America, **Five** in Europe)
  - **Two** 160 MHz channels (**One** in North America)

